

PATENT SVL920030118US1 0056.0020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applica	ition of:) Examiner: Not Yet Assigned
M.F. Fontou	ıra et al.)
Serial No.:	10/764,800)
Filed:	January 26, 2004) Art Unit: Not Yet Assigned
For:	ARCHITECTURE FOR AN INDEXER))
)
)
		1

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Dear Sirs:

In accordance with 37 CFR §§ 1.56, 1.97, and 1.98, enclosed please find Form PTO-1449 listing the attached references which might be deemed material to the examination of the above-identified application. Applicants submit that no fee is needed nor should be charged with the submittal of this Information Disclosure Statement (IDS) because this IDS is being submitted under 1.97(b) in that the IDS is being filed before the mailing date of a first Office Action on the merits or within three months of the filing date of a national application other than a continued prosecution application under 1.53(d). Applicants submit that a first Office Action has not been received in the above referenced case.

Nonetheless, should any fee be deemed necessary, please charge any insufficiency or credit any overpayment to Deposit Account No. 09-0460. A duplicate of this letter is enclosed for fee processing.

Respectfully submitted,

Janki K. Davda

Janaki K. Davda

Dated: April 9, 2004

Registration No. 40,684

KONRAD RAYNES & VICTOR, LLP 315 S. Beverly Drive, Suite 210

Beverly Hills, CA 90212

(310) 556-7983

(310) 556-7984 (fax)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 9, 2004.

Janaki K. Davda

(Date)

FORM PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number SVL920030118US1 Application Number 10/764,800

Applicant

M.F. Fontoura et al.

Filing Date
January 26, 2004

Group Art Unit
Not Yet Assigned

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL			DOCUN	MENT N	UMBE	R		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	2	8	7	4	9	6	02-15-1994	Chen et al.			
	5	5	7	4	9	0	6	11-12-1996	Morris			
	5	6	8	5	0	0	3	11-04-1997	Peltonen et al.			
	5	7	0	1	4_	6	9	12-23-1997	Brandli et al.			
	5	7	4	5	8	9	9	04-28-1998	Burrows			
	5	7	4	5	9	0	4	04-28-1998	King et al.			
	5	7	4	5	9	0	6	04-28-1998	Squibb			
	5	7	6	5	1	6	8	06-09-1998	Burrows			
	5	8	3	2	5	1	9	11-03-1998	Bowen et al.			
	5	8	6	4	8	6	3	01-26-1999	Burrows			
	5	8	7	3	0	9	7	02-16-1999	Harris et al.		V	
	5	8	9	3	1	1	9	04-06-1999	Squibb			
	5	9	0	3	8	9	1	05-11-1999	Chen et al.			
	5	9	9	5	9	8	0	11-30-1999	Olson et al.			
	6	0	1	6	5	0	1	01-18-2000	Martin et al.			
	6	0	2	6	4	1	3	02-15-2000	Challenger et al.			
	6	0	88	8	6	9	4	04-11-2000	Burns et al.			
	6	1	9	2	2	5	8	02-20-2001	Kamada et al.			
	6	2	0	5	4	5	1	03-20-2001	Norcott et al.			
	6	2	1	6	1	7	5	04-10-2001	Sliger et al.			
	6	2	3	3	5	7	1	05-15-2001	Egger et al.			
	6	2	4	3	7	1	3	06-05-2001	Nelson et al.			
	6	2	4	3	7	1	8	06-05-2001	Klein et al.			
	6	2	7	8	9	9	2	08-21-2001	Curtis et al.			
	6	3	3	6	1	1	7	01-01-2002-	Massarani			
	6	3	3	9	7	7	2	01-15-2002	Klein et al.			
	6	3	7	4	2	6	8	04-16-2002	Testardi			
	6	3	8	5	6	1	6	05-07-2002	Gardner			
	6	4	1	8	4	3	3	07-09-2002	Chakrabarti et al.			
	6	4	6	3	4	3	9	10-08-2002	Dahlberg			

FORM PTO-1449							Docket Number SVL920030118U	Docket Number Application Number SVL920030118US1 10/764,800						
INFORMATION DISCLOSURE CITATION IN AN APPLICATION								Applicant M.F. Fontoura et al.						
IN AN APPLICATION (Use several sheets if necessary)								Filing Date January 26, 2004	•					
										as et al.	Ţ			
	6	5	1	9	5	9	7	02-11-2003		ng et al.				
	6	5	4	2	9	0	6	04-01-2003	Kon					
	6	5	6	7	8	0	4	05-20-2003	Ram	asamy et al.				
	6	5	8	4	4	5	8	06-24-2003		ett et al.				
										-				
			<u> </u>											
								,						
						ļ		<u> </u>		·				
							FOR	EIGN PATE	NT I	OCUMENTS				
			DOCUM	IENT N	UMBER			DATE		COUNTRY	CLASS	SUBCLASS	Transi YES	lation NO
	1	0	2	9	3	7	67	11-04-1998	JP				Abst	
	1	0	2	8	9	2	46	10-27-1998	JP				Abst	
	2	0	0	·0	33	93	09	12-08-2000	JP				Abst	
				ОТН	ER D	OCUN	1ENT	S (Including A	uthor,	Title, Date, Pertine	ent Pages, E	tc.)		
U.S. Patent Application Publication No. US-2001/0049671 dated December 6, 2001, entitled E-Stract: A Process for Knowledge-Based Retrieval of Electornic Information, by JOERG.														
	U.S. Patent Application Publication No. US-2002/0032705 dated March 14, 2002, entitled Method and System for Placing an Insertion Point in an Electronic Document, by HIGASHIYAMA, et al.													
	U.S. Patent Publication No. US-2002/0099723 dated July 25, 2002, entitled Apparatus and Method to Support Management of Uniform Resource Locators and/or Contents of Database Servers, by GARCIA-CHIESA.													
	U.S. Patent Application Publication No. US-2002/0129014 dated September 12, 2002, entitled Systems and Methods of Retrieving													
·	Relevant Information, by KIM et al. U.S. Patent Application Publication No. US-2003/0046311 dated March 6, 2003, entitled Dynamic Search Engine and Database, by							se, by						
	BAIDYA et al. U.S. Patent Application Publication No. US-2003/0163454 dated August 28, 2003, entitled Subject Specific Search Engine, by													
	JACOBSEN et al.													
	U.S. <i>Servi</i>	Patent ces for	Appli <u>Кло</u> и	cation vledge	Public <i>Mana</i>	cation gemen	No. U <u>t <i>Proc</i></u>	S-2003/017712 [.] essing, by GOO	7 dated DWIN	September 18, 200 et al.	3, entitled S	vstem and Method j	for Distrubu	ıting

ORM PTO-1449	Docket Number SVL920030118US1	Application Number 10/764,800			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant M.F. Fontoura et al.				
(Use several sheets if necessary)	Filing Date January 26, 2004	Group Art Unit Not Yet Assigned			
U.S. Patent Application Publication No. US-2003/0187833 Related Indexing Method, by PLU	3 dated October 2, 2003, entitled E	lypermedia Resource Search Engine and			
Macurious Software Foundation. Macurious Spider Frequents: http://www.macurious.com/spider/faq.htm	ently Asked Questions 3.0 [online]	[retrieved on 10/08/2003]. Available from			
Miscellaneous Articles from Newsgroups, Available from: 07-06; (2) Newsgroups: comp.protocols.tcp-ip.domains; Daily 1999/03/18 [3 entries] and 1999/03/19 and (4) Newsgroups	ate 2000/04/08; (3) Newsgroups: r	nicorsoft.public.frontpage.client; Date:			
KAINDL. H., et al "Combining Structure Search and Cor 06/1998, pp. 217-224.	ntent Search for the World-Wide N	Veb," 1998 ACM, ISBN 0-89791-972-6			
WEINREICH, H., et al "The Look of the Link - Concepts 420 - 07/01/2001, pp. 19-28.	for the User Inerface of Extended	Hyperlinks, " 2001, ACM ISBN 1-5911			
DIEBERGER, A. "Context Lenses - Document Visualization Interaction INTERACT '01. IFIP TC. 13 International Conference Japan, IOS Press. Title page, copyright page and article (p.	nference on Human-Computer Inte	Access to Detail." In Human-Computer eraction, 9th-13th July 2001, Tokyo,			
HARDMAN, L. "Links in Hypermedia: the Requirement fo	or Context." 5th ACM Conference of	on Hypertext, '93 Proceedings, pp. 183-			
BAEZA-YATES, R. and B. RIBEIRO-NETO. "Modern In copyright page, table of contents (ix-xvi), and Chapter 8 "In					
LIPYEOW, L. et al. "Dynamic Maintenance of Web Indexed Hungary. ACM. Available from http:// citreseer.nj.nec.com	es Using Landmarks," 10 pages. V n/590376.html	VWW2003, May 20-24, 2003, Budapest			
ZOBEL, J. et al. "In-Memory Hash Tables for Accumulatin 6, pp. 271-277, 2001. Available from http://citeseer.nj.nec.		formation Processing Letters, vol. 80, no			
BROWN, E. et al. "Execution Performance Issues in Full-Tomputer Science Department, Amherst, MA (Ph.D. Thesi citeseer.nj.nec.com/brown95execution.html	Text Information Retrieval." Techr s), 179 pages. Available from http	nical Report 95-81, October 1995.			
BROWN, E. et al. "Fast Incremental Indexing for Full-Tex Conference, pp. 192-202, Santiago, Chile, 1994. Available					
LU, Z. "Scalable Distributed Architectures for Information citeseer.nj.nec.com/luscalable.html	Retrieval." Amherst, MA (Ph.D.	Thesis), 178 pages. Available from http:			
AGARWAL, R.C. "A Super Scalar Sort Algorithm for RISO International Conference on Management of Data, 1996. A	C Processors," pp. 240-246. Procevailable from http://citeseer.nj.nec	cedings of the 1996 ACM SIGMOD com/agarwal96super.html			
ARPACI-DUSSEAU, A.C. et al. "High Performance Sortin SIGMOD International Conference on Management of Data 253322&coll=portal&dl=ACM&CFID=13536765&CFTOL	a, 1997. Available from http://port	12 pages. Proceedings of the 1996 ACM al.acm.org/citation.cfm?id-			
CLARKE, C.L.A., et al. "Shortest Substring Ranking (Multi-Retrieval Conference, November, 1995. Available from http	iText Experiments for TREC-4)," p://citeseer.nj.nec.com/84012.html	pp. 1-10. Proceedings of the Fourth Text			
TOMASIC, A. et al. "Performance of Inverted Indices in SI 11 pages. Proceedings of the 2nd International Conference of	hared-Nothing Distributed Text Do n Parallel and Distributed Informa	ocument Information Retrieval Systems, ation Systems, January, 1983url =			
TOMASIC, et al. "Incremental Updates of Inverted Lists fo http://citeseer.nj.nec.com/tomasic93incremental.html	r Text Document Retrieval," pp. 1	43. Available from			
MELNIK, S. et al. "Building a Distributed Full-Text Index from http:// citeseer.nj.nec.com/long03optimized.html	for the Web," 10 pages, 2001. In F	World Wide Web, pp. 396-406. Available			

FORM PTO-1	449	Docket Number SVL920030118US1	Application Number 10/764,800							
IN	FORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant M.F. Fontoura et al.								
	(Use several sheets if necessary)	Filing Date January 26, 2004	Group Art Unit Not Yet Assigned							
	LONG, X and T. SUEL. "Optimized Query Execution in Large the 29th VLDB Conference, Berlin, Germany, 2003. Available fr									
	CALLAN, J.P et al. "The INQUERY Retrieval System," 9 pages. Proceedings {DEXA}-92, 3rd International Conference on Database and Expert Systems Applications, pp. 78-83, 1992. Available from http://citeseer.nj.nec.com/26307.html									
	PEARSON, P.K. "Fast Hashing of Variable Length Text Strings," pp. 677-680. Communications of the ACM, June 1990, Vol. 33, No. 6.									
	WITTEN, I.H., et al. "Managing Gigabytes. Compressing and Indexing Documents and Images." San Francisco: Morgan Kaufmann Publishers, 1999, title page, copyright page, table of contents (v-xi) and Chapter 5 "Index Construction" (pp. 223-261).									
	CORME, T.H., et al. "Introduction to Algorithms." Cambridge: The MIT Press, Second Edition, 2003, title page, copyright page, table of contents (v-xi) and Chapter 8 "Sorting in Linear Time" (pp. 165-177).									
	SEDGEWICK, R. "Algorithms in C++. Parts 1-4." Boston: Addison-Wesley Publishing Co., 1998. title page, copyright page, table of contents (xv-xix) and Chapter 10 "Radix Sorting" (pp. 417-433, 436-450).									
	U.S. Patent Application Serial No. 10/764,771, filed on January 26, 2004, entitled Method, System, and Program for Handling Redirects in a Search Engine, by M. F. FONTOURA, et al.									
	U.S. Patent Application Serial No.10/764,801, filed on January 26, 2004, entitled Method, System, and Program for Handling Anchor Text, by R. KRAFT, et al.									
	U.S. Patent Application Serial No. 10/764,772, filed on January 26, 2004, entitled A Pipelined Architecture for Global Analysis and Index Building, by M. F. FOUTOURA, et al.									
EXAMINER	DATE CONSIDERED									
EXAMINER: In and not consider	nitial if citation considered, whether or not citation is in conformated. Include copy of this form with next communication to the approximate the communication is the approximate the contraction of the contraction is the conformation of the contraction of the	nce with MPEP § 609; Draw line t	hrough citation if not in conformance							

PTO/SB/ 08 (04-04) Apr 2004

0056.0020

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE